

## ABSTRACT OF THE DISCLOSURE

An AF control portion of a digital camera has therein a histogram generating circuit for generating a histogram of widths of edges in an AF area, a noise eliminating portion for eliminating noise components from the histogram, a histogram evaluating portion for calculating an evaluation value indicative of the degree of achieving focus from the histogram, and a contrast calculating circuit for calculating contrast in the AF area. Further, a driving amount determining portion for determining an amount of driving a focusing lens, and a driving direction determining portion for determining a direction of driving the focusing lens are provided. The driving direction determining portion determines the direction of driving the focusing lens by using contrast. The driving amount determining portion positions the focusing lens to an in-focus position promptly with high precision while changing the driving amount by using the evaluation value of the histogram and the contrast.

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